



HOKKAIDO UNIVERSITY

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Instructions for use

Plectrosternum rufus CANDÈZE, Monogr., IV, p. 493, t. 5, f. 6 (1863).

Hab.—Fromosa; Kuraru 1 ♂ 6-VII, 1926 (the author).

Distr.—Sylhet, Assam, Cochinchina, Formosa.

Nom. Jap.: *Tsuyahada-oni-kometsuki*

摘 要

本邦産叩頭蟲の屬する六亞科を研究して、廿五屬、六拾四種、七變種を得た。其の内二新屬、拾七新種及五新變種の記載と共に、本邦領土未記録の十七種及二變種を枚舉して置いた。加へて所屬を變更した一種ヒメナカグロカバコメツキ(*Dolopius candezei* LEW.)をも掲げた。上記素木得一博士採集のものは、總べて臺灣總督府中央研究所所蔵のものである。

NEW AND HITHERTO UNRECODED SPECIES OF *DERMESTIDÆ* FROM JAPAN

By

S. MATSUMURA & K. YOKOYAMA

1. *Dermestes lardarius* LINNÉ

A single female which does not differ practically from the European *D. lardarius* was captured by S. ISSHIKI at Sapporo, Hokkaido, July in 1919, and is now in the Entom. Mus. Hokk. Imp. Univ. It seems to be very rare.

2. *Dermestes vorax* var. *albofasciata* n. var.

In form, structure and punctuation, etc., it is quite similar with the typical *D. vorax*, but differs from it in possessing a smaller size and a whitish transverse zone which is reddish in the typical species.

Length of body 6.5 mm.

One female was captured by K. YOKOYAMA at Suigen, Corea, April in 1927, and is now in his cabinet.

3. *Megatoma varius* n. sp.

Body brownish black. Head black, closely punctured. Antennae yellowish, 11 jointed, basal joint large and rounded, 2nd somewhat elongated, much narrower than the 1st; 3rd, 4th and 5th subequal, very small and rounded,

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6th and 7th small, transverse, 8th–9th subequal and strongly transverse, much thickened and clavated, terminal joint rounded; each antennal joint furnished with yellowish fine hairs. Mouth parts reddish. Prothorax shining black, transverse, having numerous fine punctures and greyish fine hairs, near the posterior margin with indistinct reddish markings, the posterior margin being reddish. Scutellum small, triangular, reddish in colour. Elytra shining, closely and finely punctured, having three transverse bands of reddish colour, of which the basal one broad and at the center black, the middle one zigzag outlined and the terminal one which is situated near the apical part broader than the middle one and its outline is very inconstant. Terminal portion and suture of the elytra reddish. Under surface of the body furnished with greyish fine hairs. Posterior margin of each abdominal joint somewhat broadly margined with brownish yellow colour. Legs brownish.

Length of body ♂ 3–3.5 mm., ♀ 4–4 mm.

Hab.—Kumamoto, 1 ♀, H. KAWAMURA, 23rd July, 1907; Gifu, 1 ♂, T. ISOBE; Tokyo, 1 ♂, K. YOKOYAMA, May, 1916; 1 ♂, loc. & coll. unknown; Kyoto, 1 ♀, M. SUZUKI, 16th June, 1921; 1 ♀, loc. & coll. unknown.

N.B. The pattern found on the elytra of the present species is very variable and subject to a considerable modification. In typical form the reddish transverse bands of the elytra are narrower in general, while they are very broad or sometimes almost covering the elytra. Besides, some specimens have a reddish spot at each side of the prothorax. This variation is more frequent in the male than in the female.

4. *Trinodes 4-maculatus* n. sp.

Body yellowish. Head small, shining brown, coarsely punctured. Antennae yellowish, 11 jointed, 1st and 2nd joints rounded, 3rd slender, 4th–7th small and subequal, 8th somewhat transverse, 10th much broader than the 9th, strongly transverse, terminal joint large and oval, thickly covered with fine bristles. Mouth parts yellowish. Prothorax strongly transverse, glossy, concolorous with the reddish head, finely but coarsely punctured and covered with yellowish fine hairs; posterior margin reddish. Elytra glossy, concolorous with the head and prothorax; finely punctured. Near the base of the elytra a broad zonal marking and the apical part yellowish orange. Legs yellowish; femur somewhat infuscated.

Length of body 2.1 mm.

Hab.—A single female (?) was captured by S. HIRAYAMA at Hanazono, Kyoto, on the 1st of August in 1913, and is now in the Entom. Mus. Hokk. Imp. Univ.

5. *Trinodes niger* n. sp.

Oval, shining black. Head smooth and shining black, having a few somewhat indistinct punctures, each puncture furnished with a fine bristle-like hair of yellowish colour. Antennae yellowish. Prothorax transverse, shining black, having somewhat long bristle-like hairs of yellowish colour. Scutellum large, triangular, shining black, without punctures. Elytra black, with numerous yellowish long bristle-like hairs. Under surface of the body furnished with greyish fine hairs; posterior margin of each abdominal joint yellowish. Legs pitchy black, trochanter reddish, tibia and the terminal portion of femur yellowish.

Length of body 1.2 mm.

Hab.—A single female (?) was captured by T. KANO at Taihoku, Formosa, on the 2nd of June, 1925, and is now in K. YOKOYAMA's cabinet.

6. *Orphilus bipunctatus* n. sp.

Pitchy black. Head shining, with greyish fine hairs. Antennae yellowish, 1st joint large and globular, 2nd rounded, far smaller than the 1st, 3rd much smaller than the 2nd, longer than broad, somewhat quadrate, 4th a little smaller than the 3rd, 5th–7th somewhat transverse, nearly equal in size, 8th far broader than long, 9th very short and strongly transverse, 10th large but short, the last joint large and globular. Labrum yellowish, mandibles pitchy. Prothorax shining black, finely punctured and covered with greyish fine hairs; lateral and posterior margins reddish. Scutellum triangular, shining, without punctures. Elytra pitchy black, with a large reddish marking near the base, closely and finely punctured, furnished with greyish fine hairs. Under surface of the body pitchy black, having numerous fine punctures and hairs of somewhat yellowish colour, at the posterior margin of each abdominal joint being broadly margined with reddish yellow colour. Legs yellowish brown, trochanter reddish.

Length of body 3 mm.

Hab.—A single male was captured by S. ISSHIKI at Dorogawa, Yamato, on the 7th of August in 1913, and this type is now in the Entom. Mus. Hokk. Imp. Univ.

7. *Orphilus bimaculatus* n. sp.

Body black. Head with large punctures and yellowish long hairs. Antennae pitchy red. Mandibles reddish. Prothorax on the lateral margins reddish, sparsely punctured, each puncture being furnished with a yellowish long hair. Scutellum triangular, smooth and shining black. Elytra with a large

reddish circular spot on its back, closely punctured and furnished with black (in general part) and reddish hairs (on the spot). Uder surface of the body shining, with numerous punctures and yellowish fine hairs. Posterior margin of each abdominal joint somewhat broadly margined with reddish colour. Legs reddish, femur somewhat testaceous.

Hab.—A single female was captured by S. MATSUMURA at Hori, Formosa, on the 30th of April in 1907, and is now in the Entom. Mus. Hokk. Imp. Univ.

8. *Orphilus fasciatus* n. sp.

Very small species of brownish colour. Head shining, finely punctured, with greyish fine hairs. Antennae pitchy yellow with exception of the terminal joint which is yellowish. Mouth parts blackish. Prothorax brownish, finely punctured and somewhat densely covered with whitish hairs, at the lateral sides being narrowly emarginated. Scutellum triangular, smooth and shining. Elytra at the apical area yellowish, near the base with a broad zone of reddish colour across the elytra. Upper surface of the elytra covered with brownish (in the brownish part) and whitish hairs (on the reddish zone and apical area). Under surface of the body finely punctured and covered with grey hairs. Legs reddish brown, femur somewhat infuscated.

Length of body 2 mm.

Hab.—A single male (?) was captured by S. MATSUMURA at Shoka, Formosa, on the 21st of July in 1906, and is now in the Entom. Mus. Hokk. Imp. Univ.

9. *Anthrenus pimpinellae* FABRICIUS

In the early summer of 1926, several individuals which are considered to be same with the European *Anthrenus pimpinellae* were captured first by T. ISOBE at Akabane, Tokyo, on the flower of *Chrysanthemum frutescens* LINNÉ. Next year he collected again many individuals at the same place and sent us five specimens, of which two are male and three female.
